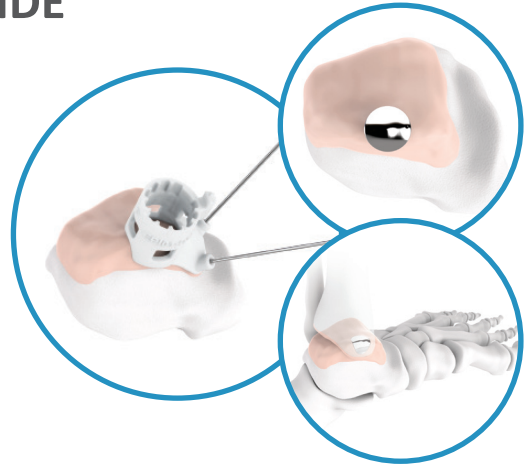


EPISEALER® TALUS CT PROTOCOL INSTALLATION GUIDE

About Episurf

Episurf designs and manufactures individualised solutions for osteochondral lesions in the medial and lateral compartment of talus. The design of the Episealer Talus implant and associated surgical instrument kit is based on a virtual 3D visualisation of the patient's ankle. This visualisation is achieved by segmentation of CT or MR images of the patient's ankle using the Episealer® Talus CT or MRI protocol.



Why a specific CT protocol?

This CT protocol applies if you select CT for imaging of the ankle. CT provides detailed images of the ankle anatomy and is used both for visualisation and assessment of lesions in the bone. Episurf uses the images based on the CT protocol for the segmentation and design processes in order to make precise, individualised implants and surgical instruments. It is mandatory to adhere to this CT protocol. An incorrect CT protocol can entail patient risks and will therefore not be accepted.

Settings

- Thin slices (0.5-0.8 mm)
- Bone algorithm
- High dose
- Displayed Field of View (DFOV) = 20 cm
- Acquire images using helical technique

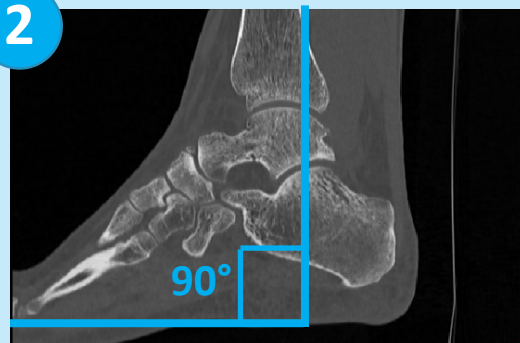
Image acquisition

- Include 70 mm of the tibial bone, as shown in image 1 below
- Position the ankle in 90° flexion, as shown in image 2 below
- Make sure that only one foot is included in the DFOV

1



2



It is of utmost importance that the patient is scanned according to this CT protocol. Please do not hesitate to reach out to an Episurf team member for assistance with the scanning process. If you encounter problems related to this protocol, please contact production@episurf.com.

CONTACT INFORMATION

KARLAVÄGEN 60 | 114 49 STOCKHOLM | SWEDEN
+46 8 612 00 20
WWW.EPISURF.COM

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